



Fibres

Geotextiles

HT fibres for lightweight high-performance nonwoven geotextiles

Our high tenacity fibres offer unique high tensile strength without compromising on elongation. The fibres provide opportunities to reduce geotextile system cost by maximizing machine efficiency, ensuring desired performance and saving weight (up to 15% compared with standard geotextile fibres). We also offer a higher dtex range for environmental applications.

Heavy-duty engineering & construction

- Civil engineering
- Erosion control
- Waste containment (GCL)
- Landscaping

High tenacity, lightweight, reduced system cost

- Reduce system cost
- Maximize machine efficiency by excellent product consistency
- High tenacity and tear resistance
- Weight savings up to 15%



Broad range of high tenacity staple fibres

Specifications

Product	T5	HT7	HT8	Coarse Fibres
Dtex	6,7- 17	3,3 - 6,7	4,4 - 6,7	110 - 220 - 300
Crimps (per cm)	2 - 5	2 - 5	2 - 5	0,5 - 2,5
Cut length (mm)	60 - 120	60 - 120	60 - 120	60 - 120
Tenacity (cN/tex)	≥ 40	≥ 48	≥ 52	≥ 30
Elongation (%)	≥ 70%	≥ 70%	≥ 70%	≥ 120%
Colours	raw white, grey, black			green, raw white, beige, others on request

- Different levels of UV stability and service life available

**New fibre developments!**  
Higher tenacity.  
Launch in 2019!



## About Beaulieu Fibres International

As largest European producer of PP fibres, our company is part of the Engineered Products Business Unit of Beaulieu International Group, with headquarters in Belgium.

With three production sites in Europe - two in Belgium and one in Italy, we supply PP and PE/PP BICO fibres with linear densities of 0.9 den to 450 den to customers in industries such as Automotive, Hygiene, Geotextiles, Flooring, Filtration and Upholstery. Our broad portfolio includes colored fibres, high elongation fibres, high tenacity fibres, ultrasoft fibres with different cross-sections, including trilobal, suitable for a wide range of processing technologies. Beaulieu Fibres International has 235 employees and reported a turnover of 188 million euros in 2017.

## Member of Beaulieu International Group

Beaulieu International Group (B.I.G.) is a renowned international group with a strong position in the raw materials and semi-finished products market. Our solutions also include a wide range of finished floorcoverings. Beaulieu International Group has 4,553 employees in 25 plants, 14 sales offices and distribution plants spread across 14 countries. In 2017, the Beaulieu International Group's turnover was 1.8 billion euros.

Beaulieu International Group is composed of three business units: "Granules" produces polypropylene granules for numerous applications. "Engineered Products" houses the activities Fibres, Yarns, Technical Textiles and Technical Sheets. "Flooring Solutions" is the European leader in wall-to-wall floor coverings, producing carpet, needle felt, cushion vinyl, LVT and wood. The Beaulieu International Group's entrepreneurial spirit and innovative ambitions make it a model of diversity and progress within the sector. These assets allow it to create sustainable added value for customers, employees, suppliers, shareholders and for the society in which it operates.



Beaulieu Fibres International N.V.  
Ooigemstraat 2B  
8710 Wielsbeke, Belgium  
+32 56 67 43 00  
Info.bfi@bintg.com  
www.beaulieufibres.com

Beaulieu Fibres International  
US Sales Office  
1 Beauflor Way,  
White, GA 30184, - United States  
+1 678 860 1336  
Info.bfi@bintg.com

Beaulieu Fibres & Yarns  
China Sales Office  
Rm 1205-1206, Imago Plaza  
99 Wuning Road, Shanghai 200063 - China  
+86 139 6962 3568  
Info.asia@bintg.com